
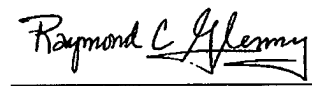


2664

| | | |
|---|---------------------|---|
|  Information Disclosure Statement | Application No.: | 09/616,884 |
| | Appl'n Filing Date: | July 14, 2000 |
| | Examiner: | Chirag G. SHAH |
| | Art Unit: | 2664 |
| | Attorney Docket: | 2000-0406 |
| | First Inventor: | Jin-Meng HO et al. |
| | Title of Invention: | MULTIPOLL FOR QOS-DRIVEN WIRELESS LANs |

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

| | |
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| Certificate of Mailing | |
| I hereby certify that this paper is being deposited with the United States Postal Service with sufficient first class postage as first class mail, addressed to the above address on the date shown below. | |
| Signature of <u>Raymond C. Glenn</u> : |  Date: <u>January 13, 2005</u> |

Sir:

The documents listed on the accompanying Form PTO-1449 were cited in corresponding U.S. applications whose attorney docket numbers are noted at the top of each sheet.

The examiner is requested to initial the space adjacent the document entries on the Form PTO-1449, and to return a copy of the initialled Form PTO-1449 to confirm that the documents have been considered and have been officially made of record in this application.

Applicants make no statement that the listed art is material to the present case. The art is cited because the applications are among those listed in the "Cross-Reference to Related Applications" of the present case. The PTO should already have copies of the cited references; accordingly, no copies are provided herewith. Copies of U.S. patent documents no longer need to be provided to ensure official consideration.


09/616,884
 01/13/05
 2664

The following are related patent applications:

| Atty Docket | App Filed | App No |
|--------------------|------------------|---------------|
| 2000-0395 | July 14, 2000 | 09/616,900 |
| 2000-0396 | July 14, 2000 | 09/616,901 |
| 2000-0396CON | Aug. 13, 2004 | 10/917,951 |
| 2000-0397 | July 14, 2000 | 09/617,083 |
| 2000-0398 | July 14, 2000 | 09/616,897 |
| 2000-0399 | July 14, 2000 | 09/616,896 |
| 2000-0400 | July 14, 2000 | 09/617,493 |
| 2000-0401 | July 14, 2000 | 09/617,494 |
| 2000-0402 | July 14, 2000 | 09/616,878 |
| 2000-0403 | July 14, 2000 | 09/617,440 |
| 2000-0404 | July 14, 2000 | 09/616,885 |
| 2000-0405 | July 14, 2000 | 09/617,439 |
| 2000-0406 | July 14, 2000 | 09/616,884 |
| 1999-0408 | June 19, 2000 | 09/596,712 |
| 1999-0408CON | April 21, 2004 | 10/829,113 |
| 1999-0409 | June 19, 2000 | 09/597,392 |

A Credit Card Payment Form authorizing payment of the \$180 IDS fee is enclosed. Fee deficiencies may be charged to 50-2396 (Axiom).

Respectfully submitted,

By: 

Date: January 13, 2005
For Customer No. 26,652
Telephone: 301.464.0431.

Raymond C. Glenny
Registration No. 32,413

11/17/2003 from 2000-0399

Form PTO-1449

Information Disclosure Citation

Attorney Docket

2000-0406

Application No.

09/616,884

Applicant

Jin-Meng HO et al.

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|---------|----------------------|-------|-----------|-------------|
| | A | 6,567,408 | 5/2003 | Li <i>et al.</i> | | | |
| | B | 6,262,976 | 7/2001 | McNamara | | | |
| | C | 6,600,744 | 7/2003 | Carr <i>et al.</i> | | | |
| | D | 6,538,989 | 3/2003 | Carter <i>et al.</i> | | | |
| | E | 6,625,156 | 9/2003 | Shaio <i>et al.</i> | | | |
| | F | 6,452,915 | 9/2002 | Jorgensen | | | |
| | G | 6,317,438 | 11/2001 | Trebes, Jr. | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|--------|---------|----------|-------|-----------|-------------|
| | L | JP02072736A | 3-1990 | JP | Kurokawa | | | |
| | M | | | | | | | |
| | N | | | | | | | |
| | O | | | | | | | |
| | P | | | | | | | |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|---|--|
| | Q | |
| | R | |
| | S | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

1/2/2004 from 2000-0396

Form PTO-1449

Information Disclosure Citation

Attorney Docket

2000-0406

Application No.

09/616,884

Applicant

Jin-Meng HO et al.

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|--------|------------------------|-------|-----------|-------------|
| | A | 5,717,688 | 2/1998 | Belanger <i>et al.</i> | | | |
| | B | | | | | | |
| | C | | | | | | |
| | D | | | | | | |
| | E | | | | | | |
| | F | | | | | | |
| | G | | | | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|---|--|
| | Q | Cali <i>et al.</i> "IEEE 802.11 Wireless LAN: Capacity Analysis and Protocol Enhancement," <i>IEEE</i> , 0-7803-4386-7/98, pages 1-8, 1998. |
| | R | Deng <i>et al.</i> "A Priority Scheme for IEEE 802.11 DCF Access Method," <i>IEICI Trans. Comm.</i> , Vol. E82-B, No. 1, pp. 96-102, January 1999. |
| | S | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

5/13/2004 from 2000-0398

Form PTO-1449

Information Disclosure Citation

Attorney Docket

2000-0406

Application No.

09/616,884

Applicant

Jin-Meng HO et al.

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|---------|-------------------|-------|-----------|-------------|
| | A | 5,623,495 | 4/1997 | Eng <i>et al.</i> | | | |
| | B | 5,982,748 | 11/1999 | Yin <i>et al.</i> | | | |
| | C | | | | | | |
| | D | | | | | | |
| | E | | | | | | |
| | F | | | | | | |
| | G | | | | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|---|--|
| | Q | Zhijun, Gong, <i>et al.</i> "QoS guaranteed Wireless LAN—Wireless access to ATM", <i>International Conference on Communication Technology, ICCT'98</i> , October 22-24, 1998, Beijing, China, pages S31-11-1 through S31-11-5. |
| | R | |
| | S | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

6/21/2004 from 2000-0403

Form PTO-1449

Information Disclosure Citation

Attorney Docket

2000-0406

Application No.

09/616,884

Applicant

Jin-Meng HO et al.

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|--------|----------------------------|-------|-----------|-------------|
| | A | 6,366,577 | 4-2002 | Donovan | | | |
| | B | 5,638,371 | 6-1997 | Raychaudhuri <i>et al.</i> | | | |
| | C | 6,728,365 | 4-2004 | Li <i>et al.</i> | | | |
| | D | 6,738,361 | 5-2004 | Immonen <i>et al.</i> | | | |
| | E | 6,628,629 | 9-2003 | Jorgenson | | | |
| | F | | | | | | |
| | G | | | | | | |
| | H | | | | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | | | | | | | |
|--|---|--|--|--|--|--|--|
| | Q | RFC 2814, Yavatkar <i>et al.</i> , "SBM (Subnet Bandwidth Manager)", May 2000, www.ietf.org. | | | | | |
| | R | RFC 2205, Braden <i>et al.</i> , "Resource Reservation Protocol (RSVP)", September 1997, www.ietf.org. | | | | | |
| | S | | | | | | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

11/1/2004 from 2000-0401 and 0402

Form PTO-1449

Information Disclosure Citation

Attorney Docket

2000-0406

Application No.

09/616,884

Applicant

Jin-Meng HO et al.

Examiner

Chirag G. SHAH

Application Filing Date

July 14, 2000

Group Art Unit

2664

U.S. Patent Documents

| Examiner Initials | Cite | Patent / Application Number | Date | Name | Class | Sub-Class | Filing Date |
|-------------------|------|-----------------------------|---------|-----------------------|-------|-----------|-------------|
| | A | 6,119,214 | 09/2000 | Dirks | | | |
| | B | 6,597,682 | 07/2003 | Kari | | | |
| | C | 6,640,248 | 10/2003 | Jorgensen | | | |
| | D | 6,738,361 | 05/2004 | Immonen <i>et al.</i> | | | |
| | E | 6,747,968 | 06/2004 | Seppala <i>et al.</i> | | | |
| | F | 6,563,793 | 05/2003 | Golden <i>et al.</i> | | | |
| | G | 6,704,321 | 03/2004 | Kamiya | | | |
| | H | 6,765,872 | 07/2004 | Tazaki | | | |
| | I | | | | | | |
| | J | | | | | | |
| | K | | | | | | |

Foreign Patent Documents

| Examiner Initials | Cite | Document Number | Date | Country | Name | Class | Sub-Class | Translation |
|-------------------|------|-----------------|------|---------|------|-------|-----------|-------------|
| | L | | | | | | | Yes No |
| | M | | | | | | | Yes No |
| | N | | | | | | | Yes No |
| | O | | | | | | | Yes No |
| | P | | | | | | | Yes No |

Other Documents (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|---|---|
| Q | R. Yavatkar <i>et al.</i> , "SBM: A Protocol for RSVP-based Admission Control over IEEE-802-style Networks", Internet Engineering Task Force, <i>RFC 2814</i> , May 2000. |
| R | R. Braden, "Resource Reservation Protocol (RSVP) ver. 1 "Internet Engineering Task Force, <i>RFC 2205</i> , September 1997. |
| S | |

Examiner Signature

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL

For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

| | |
|----------------------|--------------------|
| Application Number | 09/616,884 |
| Filing Date | July 14, 2000 |
| First Named Inventor | Jin-Meng HO et al. |
| Examiner Name | Chirag G. SHAH |
| Art Unit | 2664 |
| Attorney Docket No. | 2000-0406 |

METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____
☐ Deposit Account Deposit Account Number: 50-2396 Deposit Account Name: Axiom
 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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FEE CALCULATION
1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|--------------------------|--------------|----------|---------------|
| _____ - 20 or HP = _____ | x _____ | = _____ | |

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) |
|-------------------------|--------------|----------|---------------|
| _____ - 3 or HP = _____ | x _____ | = _____ | |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|---------------------|--------------|--|----------|---------------|
| _____ - 100 = _____ | / 50 = _____ | (round up to a whole number) x _____ | = _____ | |

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): _____ IDS fee

Fees Paid (\$)

180.00

SUBMITTED BY

| | | | | | |
|-------------------|-------------------------|-----------------------------------|--------|-----------|------------------|
| Signature | <u>Raymond C. Glenn</u> | Registration No. (Attorney/Agent) | 32,413 | Telephone | 301.464.0431 |
| Name (Print/Type) | Raymond C. Glenn | | | Date | January 13, 2005 |

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.